Sample Usage instructions:

Langgraph_code.py

To get summary for a scheme code :

```
print(compiled_graph.invoke({"mf_scheme_code" : 100027}))
```

To compare information across multiple scheme codes:

```
print(compiled_graph.invoke({"mf_scheme_codes_for_comparison" : [100027,100028]}))
```

Followup : print(compiled_graph.invoke({}))

Api_code.py

Run uvicorn api_code:app to start the API Script

To get summary for a scheme code:

```
import requests
# URL of the local API
url = 'http://localhost:8000/funds/100027'  # Replace with your actual port and endpoint
response = requests.get(url)
print(response.json())
```

To compare multiple scheme codes:

```
url = 'http://localhost:8000/funds/compare'
payload = {
    "numbers": [100027,100028]
}
# Make the POST request
response = requests.post(url, json=payload)
```

To ask a query to a LLM:

```
url = 'http://localhost:8000/ai/query'
payload = {
    "query":"Provide more information about HDFC Mutual Fund."
}
```

```
# Make the POST request
response = requests.post(url, json=payload)
```

Additional Comments

1. Current implementation in Langgraph does not use LLMs. These can be incorporated to understand free form queries and follow up appropriately.
2. POC can be created using streamlit.